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NPIC/R-366/63
December 1963

PHOTOGRAPHIC INTERPRETATION REPORT

MISSION COVERAGE INDEX
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MISSION 3239

14 NOVEMBER 1963



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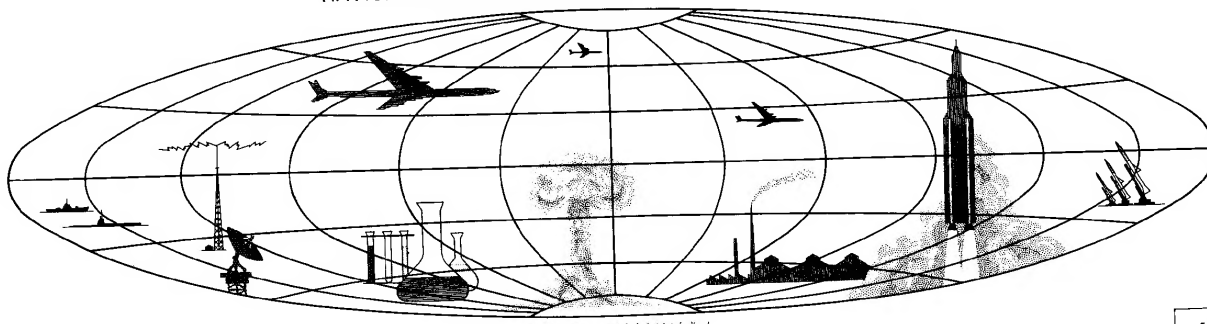
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PREFACE

This Mission Coverage Index (MCI) lists targets of intelligence interest in Burma, China, and Laos covered by aerial photographic material from Mission 3239, dated 14 November 1963. Items in the compilation are arranged in three sections:

Section I provides summary information for a) newly identified targets, b) previously reported targets which show a change, and c) all targets showing order of battle information.

Section II provides a listing of those targets which reflect no change in facilities from previous target description. The mission number shown on the photo reference line (e.g. NAC 9000) refers to the MCI which contains the most adequate description of that target. Military installations where no order of battle can be determined are listed under this section.

Section III provides a listing of those targets which could be identified but not interpreted.

All three sections are arranged 1) by country, 2) within a country by subject, 3) within a subject by WAC area, and 4) within a WAC area by coordinates reading from south to north and from west to east.

For the convenience of the user, an index to all targets has been included following Section III. Targets in the index are listed by country and alphabetically by place name within each country. An explanation of column headings and photo reference data used in presenting the information is contained in the appendix.

The user of this MCI is cautioned that the scan of photography was accomplished in a relatively short time and often without the aid of precise analytical and mensural techniques commonly employed in detailed photographic analysis. Consequently, although the information presented herein is essentially accurate, additional, detailed analysis may somewhat alter portions of the information.

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SECTION I

THIS SECTION PROVIDES SUMMARY INFORMATION FOR A) NEWLY IDENTIFIED TARGETS, B) PREVIOUSLY REPORTED TARGETS WHICH SHOW A CHANGE, AND C) ALL TARGETS SHOWING ORDER OF BATTLE INFORMATION.

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
-BURMA-				
<u>AIR INSTALLATIONS</u>				
MAE SAI AIRFIELD 4.5 NM NE OF MAE SAI. APPROXIMATELY 4,500 X 100 FT NNE/SSW PROBABLE LATERITE RUNWAY, PROBABLY SERVICEABLE. SUPPORT AREA ON WEST SIDE OF RUNWAY CONTAINS AT LEAST 12 SMALL BUILDINGS. AIRCRAFT -- NONE OBSERVED. [REDACTED]	2030N 09955E	0556		20-A
KENG-TUNG AIRFIELD 2 NM ENE OF KENG-TUNG. 4,800 X 150 FT NW/SE PROBABLE LATERITE RUNWAY, SERVICEABLE. FACILITIES, ON WEST SIDE OF RUNWAY, INCLUDE ONE OPERATIONS BUILDING, 2 ADMINISTRATION BUILDINGS AND APPROXIMATELY 10 SMALLER ASSOCIATED BUILDINGS. AIRCRAFT -- NONE OBSERVED. [REDACTED] 25X1D	2118N 09938E	0556	25X1D [REDACTED]	4
<u>MILITARY INSTALLATIONS</u>				
WAN WENGLAN STRONGPOINT .5 NM SW OF WAN WENGLAN AT UTM COORDINATES [REDACTED] STRONGPOINT CONTAINS 6 SMALL BUILDINGS (ENCIRCLED BY A TRENCH), SEVERAL OTHER PERSONNEL TRENCHES, AND APPROXIMATELY 15 SMALL BUILDINGS SCATTERED THROUGHOUT THE AREA. [REDACTED]	2044N 10009E	0556		27-A
KENG-TUNG AREA, MILITARY INSTALLATIONS TWO MILITARY AREAS IN VICINITY OF KENG-TUNG.	2116N 09937E	0556		4-D

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>AREA A (ON SE EDGE OF KENG-TUNG) -- 10 BARRACKS, 7 ADMINISTRATION BUILDINGS, 11 QUARTERS-TYPE BUILDINGS, 25 STORAGE BUILDINGS, A MOTOR POOL WITH 4 VEHICLE MAINTENANCE BUILDINGS, AND APPROXIMATELY 25 SUPPORT BUILDINGS. APPROXIMATELY 35 VEHICLES AND UNIDENTIFIED MATERIAL IN OPEN STORAGE OBSERVED.</p> <p>AREA B (2 NM NE OF AREA A AND IMMEDIATELY WEST OF AIRFIELD) -- 42 BARRACKS AND 18 QUARTERS-TYPE, 8 ADMINISTRATION, 2 ADMINISTRATION/SUPPORT, AND 7 SUPPORT BUILDINGS.</p> <p>[REDACTED]</p> <p><u>BASIC SERVICES</u></p> <p>KENG-TUNG (BURMA)--CHE-LI (CHINA) ROAD SINGLE-LANE NATURAL SURFACE SERVICEABLE ROAD OBSERVED NE FROM KENG-TUNG TO WAN LAWNKAIO (21-37N 099-53E), AND NE FROM WAN YA (21-45N 100-06E) TO MAN-NAI (21-47N 100-22E). AN IMPROVED 2-LANE ROAD CONTINUES FROM MAN-NAI NORTH TO JUNCTION WITH MENG-HSI--FO-HAI ROAD (21-56N 100-20E), FROM JUNCTION EAST THROUGH FO-HAI AND ALONG NORTHSIDE OF UNNAMED STREAM TO NA-PAN (ON MEKONG RIVER 2 NM NORTH OF CHE-LI). CONSTRUCTION OF BRIDGE OVER MEKONG AT NA-PAN (22-00N 100-48E) HAS APPARENTLY NOT PROGRESSED</p> <p>[REDACTED]</p>				
25X1D	2117N 09937E	0556		4-B
25X1D				

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>-CHINA-</p> <p><u>MILITARY INSTALLATIONS</u></p> <p>MAN-NAI AREA, MILITARY CAMP 2 NM NNE OF MAN-NAI AT SOUTH EDGE OF MENG-HUN. CAMP CONTAINS 14 BARRACKS-TYPE BUILDINGS, 2 LARGE ADMINISTRATION BUILDINGS, 3 H-SHAPED MESS HALLS, 7 LARGE EQUIPMENT OR VEHICLE STORAGE SHEDS, AND APPROXIMATELY 40 MISCELLANEOUS STORAGE AND SUPPORT SHEDS. AREA IS SERVED BY MAN-NAI--FO-HAI ROAD.</p> <p>D [REDACTED]</p> <p>FO-HAI ARMY BARRACKS SOUTH SOUTH EDGE OF FO-HAI. TWO ADJACENT SECURED AREAS CONTAIN 140 BARRACKS-TYPE BUILDINGS, 4 LARGE ADMINISTRATION BUILDINGS, APPROXIMATELY 80 MISCELLANEOUS SUPPORT AND STORAGE BUILDINGS, AND 22 H-SHAPED MESS HALLS. TRAINING FACILITIES COMPRISE 3 OBSTACLE COURSES OR SMALL ARMS RANGES AND SMALL TRENCH NETWORK IMMEDIATELY SOUTH OF BARRACKS AREAS. NO VEHICLES OBSERVED.</p> <p>1D [REDACTED]</p> <p>NA-PAN AREA, MILITARY AREAS TWO SMALL CAMPS WEST OF NA-PAN.</p> <p>AREA A (.5 NM WEST OF NA-PAN) -- 12 BARRACKS, ONE ADMINISTRATION BUILDING AND ONE MESS HALL.</p>	<p>2150N 10023E</p> <p>2158N 10028E</p> <p>2200N 10048E</p>	<p>0556</p> <p>0556</p> <p>0556</p>	<p></p> <p>25X1D</p> <p>[REDACTED]</p>	<p>16</p> <p>14-A</p> <p>9-A</p>

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	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	AREA B (.5 NM SW OF AREA A) -- 13 BARRACKS-TYPE BUILDINGS, 4 POSSIBLE BARRACKS IN VARIOUS STAGES OF CONSTRUCTION, AND APPROXIMATELY 25 SUPPORT BUILDINGS. [REDACTED]			25X1D	
25X1D	NAN-CHIAO AREA ARMY BARRACKS NE EDGE OF MENG-HSI AND 2.5 NM SE OF NAN-CHIAO. WALLED COMPOUND CONTAINS 2 BARRACKS-TYPE AND 3 ADMINISTRATION BUILDINGS. SEVERAL COMMUNES WITH BARRACKS-TYPE HOUSING OBSERVED. [REDACTED]	2202N 10015E	0556	[REDACTED]	15
25X1D	MO-TA-CHING MILITARY CAMP IMMEDIATELY NW OF MO-TA-CHING. CAMP CONTAINS 12 BARRACKS; ONE ADMINISTRATION BUILDING, ONE MESS HALL, APPROXIMATELY 20 SMALL STORAGE/SUPPORT BUILDINGS, 2 BASKETBALL COURTS, AND 2 VERTICAL STORAGE TANKS. [REDACTED]	2114N 10143E	0616		470-A
25X1D	<u>BASIC SERVICES</u> NA-PAN, BRIDGE UNDER CONSTRUCTION CONSTRUCTION APPARENTLY HAS NOT PROGRESSED [REDACTED]	2200N 10048E	0556		9
25X1D	MENG-PENG AREA, ROAD TWO-LANE, ALL-WEATHER NATURAL SURFACE SERVICEABLE ROAD OBSERVED EXTENDING GENERALLY EAST FROM 21-24N 101-24E TO MENG-LA (21-29N 101-34E). [REDACTED]	2126N 10118E	0616		39

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>MENG-LA (CHINA)--WANG-SENG (BURMA) ROAD MENG-LA TO WANG-SENG (20-51N 100-32E) ROAD. NATURAL SURFACE SERVICEABLE ROAD OBSERVED FROM MENG-LA TO HUI-PO-YEN (21-14N 101-16E). ROAD IS SINGLE-LANE EXCEPT FOR A 4.2 NM, 2- LANE SECTION SSW FROM MENG-LA. ROAD IS PARTIALLY DISCERNIBLE BETWEEN HUI-PO-YEN AND WANG-SENG BUT OBLIQUITY AND FOREST CANOPY PRECLUDE FURTHER INTERPRETATION. FOLLOWING MILITARY ACTIVITY WAS OBSERVED ALONG ROAD -- POSSIBLE STRONGPOINT WITH 3 BUILDINGS AT HUI-PO-YEN. POSSIBLE MILITARY CAMP WITH 30 BUILDINGS AT 21-18N 101-18E. MILITARY CAMP WITH 2 BARRACKS-TYPE, ONE ADMINISTRATION, AND 2 SUPPORT BUILDINGS (ENCLOSED BY TRENCH) AND AN AW POSITION AT 20-48N 100-50E. MILITARY CAMP WITH 2 BARRACKS-TYPE AND 2 SUPPORT BUILDINGS (ENCLOSED BY TRENCH) AND AN AW POSITION AT MUONG KANG (21-03N 101-00E).</p> <div style="background-color: black; width: 100%; height: 20px;"></div> <p>-LAOS-</p> <p><u>MILITARY INSTALLATIONS</u></p> <p>MUONG LONG, STRONGPOINT 3 NM NE OF MUONG LONG AT UTM COORDINATES</p> <div style="background-color: black; width: 100%; height: 20px;"></div> <p>SMALL TRENCH ENCIRCLED AREA CONTAINS 5</p>	2128N 10134E	0616		15-F
<p>D [REDACTED]</p>	2057N 10047E	0556		29

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	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	BUILDINGS. [REDACTED]				
25X1D	MUONG LUONG NAM THA, MILITARY AREA OLD FORT ON SE EDGE OF MUONG LUONG NAM THA AND AT UTM COORDINATES [REDACTED] CONTAINS 9 BUILDINGS SECURED BY A WALL AND DRY MOAT. [REDACTED]	2057N 10128E	0616		121-A
25X1D	MUONG KANG AREA, STRONGPOINT AT MUONG KANG UTM COORDINATES [REDACTED] 25X1D TRENCH ENCIRCLED AREA CONTAINS 3 SMALL BUILDINGS. [REDACTED]	2103N 10100E	0616		472
25X1D	BOUN NEUA MILITARY AREA WEST EDGE OF BOUN NEUA. POSSIBLE REST/REFUELING POINT WITH ONE BARRACKS-TYPE, ONE ADMINISTRATION, AND 6 STORAGE/SUPPORT BUILDINGS OBSERVED IN CLOUD- FREE AREAS. [REDACTED]	2139N 10153E	0616		103-A
25X1D	<u>BASIC SERVICES</u> HOUEI SAI (LAOS)--MENG LA (CHINA) ROAD SINGLE-LANE FAIR-WEATHER ROAD IN POOR CONDITION OBSERVED FROM SA LA SAM SOP (20-51N 101-17E) TO MUONG LUONG NAM THA (20-57N 101-25E). OBLIQUITY AND FOREST CANOPY PRECLUDE FURTHER INTERPRETATION. TWO-LANE IMPROVED NATURAL SURFACE PROBABLY SERVICEABLE ROAD OBSERVED FROM MENG LA	2018N 10026E	0556		19-D

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
(21-28N 101-34E) SE FOR APPROXIMATELY 11 NM TO 21-21N 101-42E. [REDACTED]				

SECTION II

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO CHANGE IN FACILITIES FROM PREVIOUS TARGET DESCRIPTION. THE MISSION NUMBER SHOWN ON THE PHOTO REFERENCE LINE (E.G., NAC 9000) REFERS TO THE MCI WHICH CONTAINS THE MOST ADEQUATE DESCRIPTION OF THAT TARGET. MILITARY INSTALLATIONS WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
-LAOS-				
<u>AIR INSTALLATIONS</u>			25X1D	
25X1D LUONG NAM THA AIRFIELD	2057N 10125E	0616		121
25X1D MUONG SAI AIRFIELD	2042N 10200E	0616		129
25X1D BOUN NEUA AIRFIELD	2138N 10154E	0616		103

SECTION III

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

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City, Installation	Coordinates	WAC	Installation Numbers		
			BE	NPIC	
-CHINA-					
<u>AIR INSTALLATIONS</u>					
SSU-MAO AIRFIELD	2245N 10058E	0556	25X1D	28-A	
25X1D [REDACTED]			[REDACTED]		
SSU-MAO AIRFIELD NORTH	2247N 10058E	0556			28
25X1D [REDACTED]					
<u>MILITARY INSTALLATIONS</u>					
SSU-MAO ARMY BARRACKS NE	2247N 10105E	0556		28-B	
25X1D [REDACTED]					
MENG-LA ARMY BARRACKS WEST	2128N 10134E	0616		15-B	
25X1D [REDACTED]					
PU-TENG AREA, PROBABLE BARRACKS	2228N 10105E	0616		478	
25X1D [REDACTED]					
SSU-MAU, MILITARY BARRACKS	2246N 10105E	0616		10-A	
25X1D [REDACTED]					
-LAOS-					
<u>AIR INSTALLATIONS</u>					
MUONG HAI AIRFIELD	2104N 10148E	0616	25X1D	492	
25X1D [REDACTED]			[REDACTED]		

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	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	MUONG SING AIRFIELD [REDACTED]	2111N 10110E	0616	25X1D [REDACTED]	130-A
	<u>MILITARY INSTALLATIONS</u>				
25X1D	MUONG SING MILITARY AREA [REDACTED]	2111N 10110E	0616		130-C

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THIS INDEX PROVIDES A LISTING OF ALL TARGETS CONTAINED IN SECTIONS I, II, AND
III. THE INDEX IS ARRANGED ALPHABETICALLY BY PLACE NAME WITHIN COUNTRY.

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BOUN NEUA MILITARY AREA
HOUEI SAI (LAOS)--MENG LA (CHINA) ROAD
LUONG NAM THA AIRFIELD
MUONG HAI AIRFIELD
MUONG KANG AREA, STRONGPOINT
MUONG LONG, STRONGPOINT
MUONG LUONG NAM THA, MILITARY AREA
MUONG SAI AIRFIELD
MUONG SING AIRFIELD
MUONG SING MILITARY AREA

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APPENDIX

EXPLANATION OF COLUMN HEADINGS AND PHOTO REFERENCES

COLUMN HEADINGS

City, Installation -- This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates -- Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC -- This column provides the World Aeronautical Chart number for the area in which the subject installation is situated.

Installation Numbers -- This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second

subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, are prefixed by the WAC number of the chart on which the installation appears.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered clouds); HC (heavy clouds); SC-HC (scattered-to-heavy clouds); H (haze); CS (cloud shadow); SD (semidarkness); O (obliquity); S (snow); and PQ (poor image quality).

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